

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM692637

|                              |  |
|------------------------------|--|
| <b>SUBMISSION TYPE:</b>      | NEW ASSIGNMENT   |
| <b>NATURE OF CONVEYANCE:</b> | Termination and Release of Trademark Security Agreement at R/F 6247/0583 |

## CONVEYING PARTY DATA

| Name   | Formerly | Execution Date | Entity Type         |
|--|----------|----------------|---------------------|
| Silicon Valley Bank, as Administrative Agent |          | 03/03/2020     | Bank: UNITED STATES |

## RECEIVING PARTY DATA

|                        |   |
|------------------------|---|
| <b>Name:</b>           | Ribbon Communications Operating Company, Inc. (f/k/a Genband US LLC and Sonus Networks, Inc.) |
| <b>Street Address:</b> | 4 Technology Park Drive   |
| <b>City:</b>           | Westford  |
| <b>State/Country:</b>  | MASSACHUSETTS   |
| <b>Postal Code:</b>    | 10886   |
| <b>Entity Type:</b>    | Corporation: DELAWARE   |

## PROPERTY NUMBERS Total: 83

| Property Type        | Number  | Word Mark     |
|----------------------|---------|---------------|
| Registration Number: | 1109917 | D M S         |
| Registration Number: | 1187459 | DCO           |
| Registration Number: | 1793482 | DCMS          |
| Registration Number: | 1989026 | C3C           |
| Registration Number: | 2565627 | SONUS         |
| Registration Number: | 2450844 | G6            |
| Registration Number: | 2449025 |               |
| Registration Number: | 2566200 | SONUS         |
| Registration Number: | 2908991 | KINETO        |
| Registration Number: | 2908992 | KINETO        |
| Registration Number: | 3565052 | EVENTDYNAMICS |
| Registration Number: | 3742792 | GENBAND G2    |
| Registration Number: | 3385076 | OPENARMS      |
| Registration Number: | 3867910 | AZTEK 5000LF  |
| Registration Number: | 3601303 | TAQUAWORKS    |
| Registration Number: | 3653286 | G9            |
| Registration Number: | 3653287 | G9            |

OP \$2090.00 1109917

| <b>Property Type</b>        | <b>Number</b> | <b>Word Mark</b>                         |
|-----------------------------|---------------|--|
| <b>Registration Number:</b> | 3874023       | DRIVING THE NETWORK EVOLUTION            |
| <b>Registration Number:</b> | 3819288       | CLOUDBANK                                |
| <b>Registration Number:</b> | 3806662       | NETSCORE                                 |
| <b>Registration Number:</b> | 3166582       | PARENT PATROL                            |
| <b>Registration Number:</b> | 3225988       | POWERED BY PARENT PATROL                 |
| <b>Registration Number:</b> | 3641265       | PLAN PATROL                              |
| <b>Registration Number:</b> | 3570802       | ENTERPRISE PATROL                        |
| <b>Registration Number:</b> | 3446876       | GENBAND                                  |
| <b>Registration Number:</b> | 3386856       | NETWORK WITHOUT LIMITS                   |
| <b>Registration Number:</b> | 3503200       | A  |
| <b>Registration Number:</b> | 3786338       | A AZTEK NETWORKS                         |
| <b>Registration Number:</b> | 4305635       | GENBAND GENIUS                           |
| <b>Registration Number:</b> | 4168570       | GENBAND GENIUS                           |
| <b>Registration Number:</b> | 4183855       | S2                                       |
| <b>Registration Number:</b> | 4203168       | VELLOS                                   |
| <b>Registration Number:</b> | 4294418       | MONTEREY 8000                            |
| <b>Registration Number:</b> | 4343805       | S  |
| <b>Registration Number:</b> | 4291414       | PT                                       |
| <b>Registration Number:</b> | 4692865       | GENVIEW                                  |
| <b>Registration Number:</b> | 4692869       | GENBAND                                  |
| <b>Registration Number:</b> | 4692870       | GENBAND                                  |
| <b>Registration Number:</b> | 4692871       |  |
| <b>Registration Number:</b> | 4387922       | SEGWAY                                   |
| <b>Registration Number:</b> | 4614537       | EXPERIUS                                 |
| <b>Registration Number:</b> | 4716969       | NUVIA                                    |
| <b>Registration Number:</b> | 4724287       | GENBAND EXPERIUS                         |
| <b>Registration Number:</b> | 4696487       | GENBAND NUVIA                            |
| <b>Registration Number:</b> | 4513917       | FROM THE CORE TO THE EDGE TO THE EXPERIE |
| <b>Registration Number:</b> | 4811162       | GENERATION ENTERPRISE                    |
| <b>Registration Number:</b> | 5055120       | KANDY                                    |
| <b>Registration Number:</b> | 4759491       | BUSINESS CALL                            |
| <b>Registration Number:</b> | 5915391       | RIBBON                                   |
| <b>Registration Number:</b> | 5921530       | RIBBON PROTECT                           |
| <b>Registration Number:</b> | 5852298       |  |
| <b>Registration Number:</b> | 5891905       |  |
| <b>Registration Number:</b> | 5710852       |  |
| <b>Registration Number:</b> | 5858080       | RIBBON                                   |
| <b>Registration Number:</b> | 5728937       | RIBBON                                   |

| Property Type        | Number   | Word Mark             |
|----------------------|----------|-----------------------|
| Registration Number: | 5897780  | RIBBON                |
| Serial Number:       | 87343700 | TRAPIZE               |
| Serial Number:       | 87343714 | TRAPIZE               |
| Serial Number:       | 87343718 | TRAPIZE               |
| Serial Number:       | 87343719 | TRAPIZE               |
| Serial Number:       | 87482894 | GENBAND               |
| Serial Number:       | 87553504 | CYSPI                 |
| Serial Number:       | 87553506 | SONUS CYSPI           |
| Serial Number:       | 87553509 | SONUS CYSPI           |
| Serial Number:       | 87577076 | SONUSVIEW             |
| Serial Number:       | 87577083 | SONUSVIEW             |
| Serial Number:       | 87689935 | RIBBON PROTECT        |
| Serial Number:       | 87689948 | PROTECT               |
| Serial Number:       | 87689959 | RIBBON COMMUNICATIONS |
| Serial Number:       | 87689969 | PROTECT               |
| Serial Number:       | 87689981 | RIBBON                |
| Serial Number:       | 87690008 | RIBBON COMMUNICATIONS |
| Serial Number:       | 87690012 | RIBBON COMMUNICATIONS |
| Serial Number:       | 87690014 | RIBBON                |
| Serial Number:       | 87690017 | RIBBON                |
| Serial Number:       | 87690021 | RIBBON COMMUNICATIONS |
| Serial Number:       | 87690026 | RIBBON COMMUNICATIONS |
| Serial Number:       | 87690028 | RIBBON COMMUNICATIONS |
| Serial Number:       | 87690050 | RIBBON COMMUNICATIONS |
| Serial Number:       | 87690073 | RIBBON COMMUNICATIONS |
| Serial Number:       | 87690075 | RIBBON COMMUNICATIONS |
| Registration Number: | 2449024  | G6                    |
| Serial Number:       | 87553498 | CYSPI                 |

**CORRESPONDENCE DATA**

Fax Number: 2127514864

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

Phone: 2129061209

Email: JESSICA.BAJADA-SILVA@LW.COM

Correspondent Name: LATHAM & WATKINS LLP, C/O JESSICA BAJADA

Address Line 1: 1271 Avenue of the Americas

Address Line 4: New York, NEW YORK 10020

ATTORNEY DOCKET NUMBER: 066429-0002

|                           |                          |
|---------------------------|--------------------------|
| <b>NAME OF SUBMITTER:</b> | Jessica Bajada-Silva     |
| <b>SIGNATURE:</b>         | /s/ Jessica Bajada-Silva |
| <b>DATE SIGNED:</b>       | 12/06/2021               |

**Total Attachments: 14**

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**TERMINATION AND RELEASE OF  
TRADEMARK SECURITY AGREEMENT**

This **TERMINATION AND RELEASE OF TRADEMARK SECURITY AGREEMENT** (this “**Termination and Release**”) is granted as of March 3, 2020 by **SILICON VALLEY BANK**, as Administrative Agent (the “**Assignee**”), in favor of **RIBBON COMMUNICATIONS OPERATING COMPANY, INC.** (f/k/a GENBAND US LLC and SONUS NETWORKS, INC.) (the “**Grantor**”).

**WHEREAS**, the Grantor executed and delivered a Trademark Security Agreement dated as of December 21, 2017 (as amended, restated, supplemented or otherwise modified prior to the date hereof, the “**Grant**”) granting the Assignee a security interest in and lien on certain trademarks and trademark applications (“**Trademarks**”) described therein, which was recorded with the United States Patent and Trademark Office (“**USPTO**”) on December 21, 2017, at Reel 6247, Frame 0583;

**WHEREAS**, Grantor has requested that Assignee hereby terminate, release and discharge fully its security interests in and liens on all right, title and interest of Grantor in, to and under all of the Trademarks as herein provided; and

**WHEREAS**, Grantor has requested that the Assignee provide a document suitable for recording with the USPTO to evidence the release of the Assignee’s security interests in and liens on the certain Trademarks as herein provided.

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Assignee hereby:

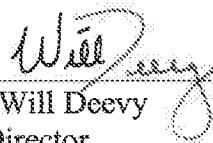
1. terminates the Grant and releases, terminates and discharges all liens and security interests in Grantor’s right, title and interest in, to and under the Trademarks, and all goodwill associated therewith, including those certain Trademarks identified in Schedule I hereto; and
2. authorizes and requests that this Termination and Release be recorded at the USPTO.

THIS TERMINATION AND RELEASE AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES HEREUNDER SHALL BE GOVERNED BY, AND SHALL BE CONSTRUED AND INTERPRETED IN ACCORDANCE WITH, THE INTERNAL LAWS (AND NOT THE CONFLICT OF LAW RULES) OF THE STATE OF NEW YORK.

[Signature page follows]

IN WITNESS WHEREOF, the undersigned has executed this Termination and Release by its duly authorized officer as of the date first above written.

SILICON VALLEY BANK,  
as Administrative Agent

By:   
Name: Will Deevy  
Title: Director

SCHEDULE I TO  
TERMINATION AND RELEASE OF TRADEMARK SECURITY AGREEMENT

Trademarks and Trademark Applications

Registered Trademarks of Sonus Networks, Inc.

| <u>Jurisdiction</u> | <u>Registration No.</u> | <u>Registration Date</u> | <u>Filing Date</u> | <u>Registered Owner</u> | <u>Mark</u>      |
|---------------------|-------------------------|--------------------------|--------------------|-------------------------|------------------|
| Australia           | 861038                  | Jul 4, 2002              | Dec 19, 2000       | Sonus Networks, Inc.    | SONUS            |
| Brazil              | 824355059               | Jun 5, 2007              | Feb 7, 2002        | Sonus Networks, Inc.    | SONUS            |
| Canada              | TMA248385               | Apr 16, 2013             | Apr 8, 2010        | Sonus Networks, Inc.    | NETSCORE         |
| Canada              | TMA554733               | Nov 30, 2001             | Oct 18, 1999       | Sonus Networks, Inc.    | SONUS            |
| Canada              | TMA620912               | Sep 29, 2004             | Jun 11, 2001       | Sonus Networks, Inc.    | SONUS and design |
| China               | 4853852                 | Sep 28, 2008             | Sep 28, 2008       | Sonus Networks, Inc.    | IMX              |
| China               | 8265820                 | Nov 12, 2012             | Apr 14, 2010       | Sonus Networks, Inc.    | NETASSURE        |
| China               | 8265827                 | Apr 21, 2011             | Apr 21, 2011       | Sonus Networks, Inc.    | NETENG           |
| China               | 8265831                 | Nov 7, 2012              | Apr 14, 2010       | Sonus Networks, Inc.    | NETSCORE         |
| China               | 1759739                 | May 14, 2002             |                    | Sonus Networks, Inc.    | SONUS            |
| China               | 1714086                 | Feb 14, 2002             | Feb 14, 2002       | Sonus Networks, Inc.    | SONUS            |
| China               | 2824503                 | Jun 28, 2003             | Jun 16, 2001       | Sonus Networks, Inc.    | SONUS and design |
| China               | 9424461                 | Jun 21, 2012             | May 5, 2011        | Sonus Networks, Inc.    | VOICEENTRY       |
| European Union      | 009019845               | Sep 28, 2010             | Apr 12, 2010       | Sonus Networks, Inc.    | NETASSURE        |
| European Union      | 009019886               | Sep 28, 2010             | Apr 12, 2010       | Sonus Networks, Inc.    | NETENG           |
| European Union      | 009019803               | Sep 28, 2010             | Apr 12, 2010       | Sonus Networks, Inc.    | NETSCORE         |

|                             |              |              |              |                      |   |
|-----------------------------|--------------|--------------|--------------|----------------------|---|
| European Union              | 1132383      | Aug 23, 2012 | Aug 23, 2012 | Sonus Networks, Inc. | S Design (b&w)                                  |
| European Union              | 001345291    | Apr 19, 2002 | Oct 14, 1999 | Sonus Networks, Inc. | SONUS   |
| European Union              | 014483788    | Jan 12, 2016 | Aug 17, 2015 | Sonus Networks, Inc. | SONUS CLOUD COMMUNICATIONS MADE SMARTER         |
| European Union              | 014483762    | Jan 12, 2016 | Aug 17, 2015 | Sonus Networks, Inc. | SONUS IQ  |
| European Union              | 000930885    | Oct 10, 2011 | May 4, 2011  | Sonus Networks, Inc. | VOICEENTRY                                      |
| India                       | 2402548      | Dec 5, 2016  | Sep 28, 2012 | Sonus Networks, Inc. | S Design (b&w)                                  |
| India                       | 1236788      | Sep 15, 2003 | Sep 15, 2003 | Sonus Networks, Inc. | SONUS   |
| Indonesia                   | EDM000436285 | Mar 25, 2002 | Feb 26, 2001 | Sonus Networks, Inc. | SONUS (IC 35)                                   |
| Indonesia                   | EDM000436286 | Jan 4, 2002  | Feb 26, 2001 | Sonus Networks, Inc. | SONUS (IC 8)                                    |
| International Bureau (WIPO) | 1132383      | Aug 23, 2012 | Aug 23, 2012 | Sonus Networks, Inc. | S Design (b&w)                                  |
| International Bureau (WIPO) | 1119864      | Mar 26, 2012 | Mar 26, 2012 | Sonus Networks, Inc. | SONUS   |
| International Bureau (WIPO) | 1369004      | Aug 14, 2017 | Aug 14, 2017 | Sonus Networks, Inc. | TRAPIZE (IC 9, 42)                              |
| International Bureau (WIPO) | 1104818      | Jun 12, 2011 | Jun 12, 2011 | Sonus Networks, Inc. | vello SYSTEMS and Design (color)                |
| Japan                       | 3125876      | Apr 4, 2008  | Jul 28, 2005 | Sonus Networks, Inc. | IMX   |
| Japan                       | 1132383      | Aug 23, 2012 | Aug 23, 2012 | Sonus Networks, Inc. | S Design (b&w)                                  |
| Japan                       | 4394299      | Aug 9, 2002  | Mar 7, 2001  | Sonus Networks, Inc. | SONUS   |
| Japan                       | 4795252      | Aug 13, 2004 | Jan 11, 2002 | Sonus Networks, Inc. | SONUS   |
| Japan                       | 5841029      | Apr 15, 2016 | Aug 21, 2015 | Sonus Networks, Inc. | SONUS CLOUD COMMUNICATIONS MADE SMARTER (IC 37) |



|                   |           |              |              |                      |   |
|-------------------|-----------|--------------|--------------|----------------------|---|
| Japan             | 5810944   | Dec 4, 2015  | Aug 21, 2015 | Sonus Networks, Inc. | SONUS CLOUD COMMUNICATIONS MADE SMARTER (IC 43) |
| Japan             | 5841030   | Apr 15, 2016 | Aug 21, 2015 | Sonus Networks, Inc. | SONUS CLOUD COMMUNICATIONS MADE SMARTER (IC 42) |
| Japan             | 5852312   | May 20, 2016 | Aug 21, 2015 | Sonus Networks, Inc. | SONUS CLOUD COMMUNICATIONS MADE SMARTER (IC 9)  |
| Japan             | 5841028   | Apr 15, 2016 | Aug 21, 2015 | Sonus Networks, Inc. | SONUS IQ (IC 37, 42)                            |
| Japan             | 5810942   | Dec 4, 2015  | Aug 21, 2015 | Sonus Networks, Inc. | SONUS IQ (IC 41)                                |
| Japan             | 5810943   | Dec 4, 2015  | Aug 21, 2015 | Sonus Networks, Inc. | SONUS IQ (IC 42)                                |
| Japan             | 5852311   | May 20, 2016 | Aug 21, 2015 | Sonus Networks, Inc. | SONUS IQ (IC 9)                                 |
| Japan             | 5442739   | Oct 7, 2011  | May 11, 2011 | Sonus Networks, Inc. | VOICEENTRY                                      |
| Republic of Korea | 1119864   | Nov 14, 2013 | Mar 26, 2012 | Sonus Networks, Inc. | SONUS   |
| Malaysia          | 01006552  | Jan 31, 2007 | May 25, 2001 | Sonus Networks, Inc. | SONUS   |
| Malaysia          | 01008553  | Jun 2, 2010  | May 25, 2001 | Sonus Networks, Inc. | SONUS   |
| Malaysia          | 01008684  | Jun 15, 2007 | Jul 10, 2001 | Sonus Networks, Inc. | SONUS and design                                |
| Malaysia          | 01008683  | Mar 13, 2004 | Jul 10, 2001 | Sonus Networks, Inc. | SONUS and design                                |
| Mexico            | 760068    | Aug 22, 2002 | Jan 28, 2002 | Sonus Networks, Inc. | SONUS   |
| Mexico            | 758750    | Aug 14, 2002 | Jan 28, 2002 | Sonus Networks, Inc. | SONUS   |
| Singapore         | T0021895G | Dec 22, 2000 | Dec 22, 2000 | Sonus Networks, Inc. | SONUS   |
| Singapore         | T0021894I | Dec 22, 2000 | Dec 22, 2000 | Sonus Networks, Inc. | SONUS   |
| Singapore         | T0109016D | Jan 11, 2001 | Jan 11, 2001 | Sonus Networks, Inc. | SONUS and design                                |

|                             |           |                 |                    |                            |                         |
|-----------------------------|-----------|-----------------|--------------------|----------------------------|-------------------------|
| Singapore                   | T0109017B | Jan 11,<br>2001 | Jun 21,<br>2001    | Sonus<br>Networks,<br>Inc. | SONUS and design        |
| Taiwan R.O.C.               | 1886776   | Jul 16,<br>2002 | Dec<br>26,<br>2009 | Sonus<br>Networks,<br>Inc. | SONUS                   |
| Taiwan R.O.C.               | 157287    | Jan 16,<br>2002 | Dec<br>29,<br>2009 | Sonus<br>Networks,<br>Inc. | SONUS                   |
| Taiwan R.O.C.               | 81801804  | Jun 16,<br>2002 | Mar 1,<br>2008     | Sonus<br>Networks,<br>Inc. | TENOR                   |
| United States of<br>America | 2808891   | Dec 7, 2004     | Oct 11,<br>2001    | Sonus<br>Networks,<br>Inc. | KINETO (SC 42)          |
| United States of<br>America | 2808892   | Dec 7, 2004     | Oct 11,<br>2001    | Sonus<br>Networks,<br>Inc. | KINETO (SC 9)           |
| United States of<br>America | 4294418   | Feb 26,<br>2013 | Jan 27,<br>2003    | Sonus<br>Networks,<br>Inc. | Monterey 8000           |
| United States of<br>America | 3806662   | Jun 22,<br>2010 | Oct 29,<br>2009    | Sonus<br>Networks,<br>Inc. | NETSCOPE                |
| United States of<br>America | 4291414   | Feb 19,<br>2013 | Apr<br>26,<br>2012 | Sonus<br>Networks,<br>Inc. | pt and Design (color)   |
| United States of<br>America | 4342805   | May 28,<br>2013 | Mar<br>26,<br>2012 | Sonus<br>Networks,<br>Inc. | S Design (b&w)          |
| United States of<br>America | 4387922   | Aug 20,<br>2013 | Jan 14,<br>2013    | Sonus<br>Networks,<br>Inc. | SEGway                  |
| United States of<br>America | 2565627   | Apr 30,<br>2002 | Apr 7,<br>1999     | Sonus<br>Networks,<br>Inc. | SONUS                   |
| United States of<br>America | 2566209   | Apr 30,<br>2002 | Jan 11,<br>2001    | Sonus<br>Networks,<br>Inc. | SONUS and design (IC 5) |
| United States of<br>America | 3601303   | Apr 7, 2009     | Mar<br>12,<br>2008 | Sonus<br>Networks,<br>Inc. | TACUAWORKS              |
| United States of<br>America | 4283188   | Sep 4, 2012     | Apr<br>26,<br>2011 | Sonus<br>Networks,<br>Inc. | VALOS                   |

Note: The recent merger of Solstice Sapphire, Inc. with and into Sonus Networks, Inc. under the name of Sonus, Inc. and subsequent name change to Sonus Networks, Inc. has not been recorded against the above registrations.

Pending Trademark Applications of Sonus Networks, Inc.

| Jurisdiction             | Application No. | Filing Date  | Applicant            | Mark   |
|--------------------------|-----------------|--------------|----------------------|--|
| European Union           | 1366004         | Aug 14, 2017 | Sonus Networks, Inc. | TRAPIZE (IC 9, 42)   |
| India                    | 978744          | Dec 21, 2009 | Sonus Networks, Inc. | SONUS  |
| India                    | 1016922         | Jan 13, 2001 | Sonus Networks, Inc. | SONUS and design   |
| Japan                    | 1366004         | Aug 14, 2017 | Sonus Networks, Inc. | TRAPIZE (IC 9, 42)   |
| United Kingdom           | 1366004         | Aug 14, 2017 | Sonus Networks, Inc. | TRAPIZE (IC 9, 42)   |
| United States of America | 87553504        | Aug 2, 2017  | Sonus Networks, Inc. | CvSd (IC 43)   |
| United States of America | 87553498        | Aug 2, 2017  | Sonus Networks, Inc. | CvSd (IC 9)  |
| United States of America | 87610391        | Sep 15, 2017 | Sonus Networks, Inc. | RIBBON   |
| United States of America | 87690021        | Nov 17, 2017 | Sonus, Inc.          | RIBBON COMMUNICATIONS (IC 38)                                    |
| United States of America | 87690026        | Nov 17, 2017 | Sonus, Inc.          | RIBBON COMMUNICATIONS (IC 42)                                    |
| United States of America | 87690038        | Nov 17, 2017 | Sonus, Inc.          | RIBBON COMMUNICATIONS (IC 9)                                     |
| United States of America | 87690006        | Nov 17, 2017 | Sonus, Inc.          | Ribbon Design (IC 38) (d/b/w)                                    |
| United States of America | 87690004        | Nov 17, 2017 | Sonus, Inc.          | Ribbon Design (IC 42) (d/b/w)                                    |
| United States of America | 87690002        | Nov 17, 2017 | Sonus, Inc.          | Ribbon Design (IC 9) (d/b/w)                                     |
| United States of America | 87689948        | Nov 17, 2017 | Sonus, Inc.          | Ribbon Design and Protect (IC 43) (d/b/w)                        |
| United States of America | 87689969        | Nov 17, 2017 | Sonus, Inc.          | Ribbon Design and Protect (IC 9) (d/b/w)                         |
| United States of America | 87690046        | Nov 17, 2017 | Sonus, Inc.          | Ribbon Design and Ribbon (IC 38)(d/w)(horizontal)                |
| United States of America | 87690047        | Nov 17, 2017 | Sonus, Inc.          | Ribbon Design and Ribbon (IC 42)(d/w)(horizontal)                |
| United States of America | 87690045        | Nov 17, 2017 | Sonus, Inc.          | Ribbon Design and Ribbon (IC 9)(d/w)(horizontal)                 |
| United States of America | 87690014        | Nov 17, 2017 | Sonus, Inc.          | Ribbon Design and Ribbon (vertical) (IC 38)(d/w)                 |
| United States of America | 87690017        | Nov 17, 2017 | Sonus, Inc.          | Ribbon Design and Ribbon (vertical) (IC 42)(d/w)                 |
| United States of America | 87689981        | Nov 17, 2017 | Sonus, Inc.          | Ribbon Design and Ribbon (vertical) (IC 9)(d/w)                  |
| United States of America | 87690075        | Nov 17, 2017 | Sonus, Inc.          | Ribbon Design and ribbon communications (IC 38)(d/w)(horizontal) |
| United States of America | 87690008        | Nov 17, 2017 | Sonus, Inc.          | Ribbon Design and ribbon communications (IC 42)(d/w)(vertical)   |
| United States of America | 87690073        | Nov 17, 2017 | Sonus, Inc.          | Ribbon Design and ribbon communications (IC 42)(d/w)(horizontal) |
| United States of America | 87690012        | Nov 17, 2017 | Sonus, Inc.          | Ribbon Design and ribbon communications (IC 9)(d/w)(vertical)    |
| United States of America | 87690050        | Nov 17, 2017 | Sonus, Inc.          | Ribbon Design and ribbon communications (IC 9)(d/w)(horizontal)  |
| United States of America | 87689959        | Nov 17, 2017 | Sonus, Inc.          | Ribbon Design and ribbon communications (IC 9)(d/w)(vertical)    |

|                          |          |              |                      |                                   |
|--------------------------|----------|--------------|----------------------|-----------------------------------|
| United States of America | 87688943 | Nov 17, 2017 | Sonus, Inc.          | REBON PROTECT (IC #2)             |
| United States of America | 87688915 | Nov 17, 2017 | Sonus, Inc.          | REBON PROTECT (IC #1)             |
| United States of America | 87553509 | Aug 2, 2017  | Sonus Networks, Inc. | Sonus Cyber (IC #3)               |
| United States of America | 87553684 | Aug 2, 2017  | Sonus Networks, Inc. | Sonus Cyber (IC #2)               |
| United States of America | 87577083 | Aug 21, 2017 | Sonus Networks, Inc. | SonusView (IC #2)                 |
| United States of America | 87577076 | Aug 21, 2017 | Sonus Networks, Inc. | SonusView (IC #1)                 |
| United States of America | 87343714 | Feb 21, 2017 | Sonus Networks, Inc. | TRAPIZE (IC #2)                   |
| United States of America | 87343708 | Feb 21, 2017 | Sonus Networks, Inc. | TRAPIZE (IC #1)                   |
| United States of America | 87343719 | Feb 21, 2017 | Sonus Networks, Inc. | trapize and Design (IC #2)(Color) |
| United States of America | 87343718 | Feb 21, 2017 | Sonus Networks, Inc. | trapize and Design (IC #1)(Color) |

*Note:* The recent merger of Solstice Graphics, Inc. with and into Sonus Networks, Inc. under the name of Sonus, Inc. and subsequent name change to Sonus Networks, Inc. has not been recorded against the above applications in the name of Sonus Networks, Inc. For the applications that list Sonus, Inc. as the Applicant, the name change of Sonus, Inc. to Sonus Networks, Inc. was submitted to the USPTO for recordation on November 29, 2017.

Registered Trademarks of GENBAND US LLC

| <u>Jurisdiction</u> | <u>Registration No.</u> | <u>Registration Date</u> | <u>Filing Date</u> | <u>Registered Owner</u> | <u>Mark</u>                           |
|---------------------|-------------------------|--------------------------|--------------------|-------------------------|---------------------------------------|
| Argentina           | 2504664                 | May-24-2012              | Mar-14-2011        | GENBAND US LLC          | GENBAND GENIUS                        |
| Australia           | 709742                  | Jan-10-1998              | Jan-3-1998         | GENBAND US LLC          | DMS                                   |
| Australia           | 1413616                 | Mar-23-2015              | Mar-10-2011        | GENBAND US LLC          | GENBAND GENIUS                        |
| Australia           | 1413620                 | Mar-23-2015              | Mar-10-2011        | GENBAND US LLC          | GENBAND GENIUS & Design               |
| Australia           | 822173                  | Oct-14-1998              | Oct-31-1989        | GENBAND US LLC          | S/DMS                                 |
| Australia           | 836510                  | May-24-2000              | May-24-2000        | Nortel Networks Limited | SUCCESSION                            |
| Bahamas             | 26195                   | Oct-25-2007              | Aug-13-2003        | Nortel Networks Limited | DMS                                   |
| Bolivia             | 73691C                  | Jan-26-1999              | Jan-26-1998        | GENBAND US LLC          | DMS                                   |
| Brazil              | 820180730               |                          |                    | GENBAND US LLC          | DMS                                   |
| Brazil              | 822941520               | Aug-1-2008               |                    | Nortel Networks Limited | SUCCESSION                            |
| Brazil              | 820138324               | Oct-5-1999               |                    | GENBAND US LLC          | SUPERNODE                             |
| Canada              | 230869                  | May-27-1977              | Jan-27-1976        | GENBAND US LLC          | DMS                                   |
| Canada              | 779235                  | Oct-6-2010               | Oct-28-2008        | GENBAND US LLC          | G9                                    |
| Canada              | 783692                  | Nov-17-2010              | Sep-7-2007         | GENBAND US LLC          | GENBAND G2                            |
| Canada              | 873439                  | Mar-17-2014              | Mar-10-2011        | GENBAND US LLC          | GENBAND GENIUS                        |
| Canada              | 873432                  | Mar-17-2014              | Mar-10-2011        | GENBAND US LLC          | GENBAND GENIUS & Design               |
| Canada              | 651664                  | Oct-27-2005              | Oct-19-1999        | GENBAND US LLC          | GENERAL BANDWIDTH                     |
| Canada              | TMA72806                | Nov-7-2002               | Oct-26-2005        | Nortel Networks Limited | PARENT PATROL                         |
| Canada              | TMA72801                | Nov-6-2002               | Nov-14-2005        | Nortel Networks Limited | POWERED BY PARENT PATROL (AND DESIGN) |
| Canada              | 563196                  | Jun-10-2003              | Jan-22-1999        | Nortel Networks Limited | SUCCESSION                            |
| China               | 1566454                 | May-7-2003               | Jan-10-1997        | GENBAND US LLC          | DMS                                   |
| China               | 8286152                 | Aug-27-2010              | Sep-20-2007        | GENBAND US LLC          | GENBAND G2                            |
| China               | 9212495                 | Mar-21-2013              | Mar-15-2011        | GENBAND US LLC          | GENBAND GENIUS                        |
| CTM / EUTM          | 007386386               | May-17-2009              | Oct-30-2008        | GENBAND US LLC          | Cancellation Action against CTM G9    |
| CTM / EUTM          | 1126523                 | Feb-16-2001              | Apr-2-1999         | GENBAND US LLC          | DCMS                                  |
| CTM / EUTM          | 206976                  | Dec-8-1999               | Apr-24-1998        | GENBAND US LLC          | DMS                                   |
| CTM / EUTM          | 1724780                 | Aug-13-2001              | Jan-23-2000        | GENBAND US LLC          | G6 & DESIGN                           |
| CTM / EUTM          | 007386386               | May-27-2009              | Oct-30-2008        | GENBAND US LLC          | G9                                    |
| CTM / EUTM          | 7386586                 | May-27-2009              | Oct-30-2008        | GENBAND US LLC          | G9                                    |

|            |           |             |             |                         |                         |
|------------|-----------|-------------|-------------|-------------------------|-------------------------|
| CTM / EUTM | 11449665  | May-20-2013 | Dec-21-2012 | GENBAND US LLC          | GENBAND                 |
| CTM / EUTM | 6313647   | Aug-29-2008 | Sep-27-2007 | GENBAND US LLC          | GENBAND G3              |
| CTM / EUTM | 9831974   | Aug-22-2011 | Mar-10-2011 | GENBAND US LLC          | GENBAND GENTUS          |
| CTM / EUTM | 9831923   | May-28-2014 | Mar-10-2011 | GENBAND US LLC          | GENBAND GENTUS & Design |
| CTM / EUTM | 5688948   | Feb-4-2002  | Jan-11-2007 | Nortel Networks Limited | INTELLOCONNECT          |
| CTM / EUTM | 11449683  | May-20-2013 | Dec-21-2012 | GENBAND US LLC          | MISC DESIGN (CIRCLES)   |
| CTM / EUTM | 065147638 | Jun-28-2007 | Jun-19-2006 | Nestone Communications  | NEXTONE                 |
| CTM / EUTM | 1616549   | Jul-30-2001 | Apr-18-2000 | Nortel Networks Limited | SUCCESSION              |
| Erudor     | 174830    | Aug-24-2000 | Mar-24-2000 | GENBAND US LLC          | EMS                     |
| Germany    | 39502959  | Nov-21-1995 | Jan-24-1995 | GENBAND US LLC          | EMS                     |
| Guatemala  | 91809     | Dec-13-1998 | Sep-18-1997 | GENBAND US LLC          | EMS                     |
| Guatemala  | 92651     | Dec-13-1998 | Sep-18-1997 | GENBAND US LLC          | EMS                     |
| Guatemala  | 92651     | Nov-23-1998 | Sep-18-1997 | GENBAND US LLC          | EMS                     |
| Hong Kong  | 381855916 | Mar-11-2011 | Mar-11-2011 | GENBAND US LLC          | GENBAND GENTUS          |
| Hong Kong  | 381855945 | Mar-11-2011 | Mar-11-2011 | GENBAND US LLC          | GENBAND GENTUS & Design |
| Hong Kong  | 388302548 | Mar-6-2002  | May-22-2000 | Nortel Networks Limited | SUCCESSION              |
| India      | 695171    | Dec-28-2005 | Jan-22-1996 | GENBAND US LLC          | EMS                     |
| India      | 1104577   | Jan-28-2013 | Oct-31-2008 | GENBAND US LLC          | G3                      |
| India      | 781731    | Oct-27-2008 | Nov-21-2006 | GENBAND US LLC          | GENBAND                 |
| India      | 804411    | Mar-31-2009 | Sep-6-2007  | GENBAND US LLC          | GENBAND C3              |
| India      | 881931    | Apr-9-2010  | Sep-12-2007 | GENBAND US LLC          | GENBAND G3              |
| India      | 802632    | Mar-31-2009 | Sep-6-2007  | GENBAND US LLC          | GENBAND M5              |
| India      | 1209360   | Mar-1-2016  | Mar-1-2016  | GENBAND US LLC          | KANDY (with design)     |
| India      | 888527    | Oct-18-2010 | Aug-20-2007 | GENBAND US LLC          | M5 & Design             |
| India      |           |             |             | Nestone Communications  | NEXTONE                 |
| India      |           |             | Jun-8-2006  | Nestone Communications  | NEXTONE                 |
| Israel     | 137379    | Apr-12-2001 | May-2-2000  | GENBAND US LLC          | EMS                     |
| Israel     | 234372    | Apr-7-2013  | Mar-10-2011 | GENBAND US LLC          | GENBAND GENTUS          |
| Israel     | 234371    | Apr-7-2013  | Mar-10-2011 | GENBAND US LLC          | GENBAND GENTUS & Design |
| Japan      | 5425949   | Jul-8-2011  | Mar-15-2011 | GENBAND US LLC          | GENBAND GENTUS          |

|                           |               |             |             |                         |                         |
|---------------------------|---------------|-------------|-------------|-------------------------|-------------------------|
| Japan                     | 5558253       | Jan-18-2013 | Mar-15-2011 | GENBAND US LLC          | GENBAND GENIUS & Design |
| Mexico                    | 462889        | Jan-10-1992 | Jan-10-1992 | GENBAND US LLC          | DMS                     |
| Mexico                    | 1344290       | Jan-23-2013 | Sep-19-2007 | GENBAND US LLC          | GENBAND G1              |
| Mexico                    | 1162130       | Jul-29-2011 | Mar-15-2011 | GENBAND US LLC          | GENBAND GENIUS          |
| Mexico                    | 1162139       | Jul-29-2011 | Mar-15-2011 | GENBAND US LLC          | GENBAND GENIUS & Design |
| Mexico                    | 875187        | Aug-14-2007 |             | GENBAND US LLC          | MS & Design             |
| Mexico                    | 931713        | Aug-31-2006 | Jun-9-2006  | Nextone Communications  | NEXTONE                 |
| Mexico                    | 931713        | Aug-31-2006 | Jun-9-2006  | Nextone Communications  | NEXTONE                 |
| Mexico                    | 688348        | Jun-19-2000 | Jun-19-2000 | Normal Networks Limited | SUCCESSION              |
| New Zealand               | 142211        | Aug-10-1995 | Aug-10-1995 | Normal Networks Limited | CMS SUPERNODE           |
| New Zealand               | 838413        | Sep-12-2011 | Mar-15-2011 | GENBAND US LLC          | GENBAND GENIUS          |
| New Zealand               | 838415        | Sep-12-2011 | Mar-15-2011 | GENBAND US LLC          | GENBAND GENIUS & Design |
| Norway                    | 104577        | Jan-18-2001 |             | Normal Networks Limited | SUCCESSION              |
| Republic of Korea (South) | 40289633      | May-9-1944  | Feb-12-1993 | GENBAND US LLC          | DMS                     |
| Republic of Korea (South) | 4029130013345 | Oct-10-2012 | Mar-15-2011 | GENBAND US LLC          | GENBAND GENIUS          |
| Republic of Korea (South) | 4029130013348 | Oct-10-2012 | Mar-15-2011 | GENBAND US LLC          | GENBAND GENIUS & Design |
| Russian Federation        | 219572        | Aug-23-2002 | May-22-2000 | Normal Networks Limited | SUCCESSION              |
| Singapore                 | T1102136H     | May-25-2012 | Mar-14-2011 | GENBAND US LLC          | GENBAND GENIUS          |
| Singapore                 | T1102136B     | Mar-14-2011 | Mar-14-2011 | GENBAND US LLC          | GENBAND GENIUS & Design |
| Singapore                 | T8611355A     | Nov-15-2006 | Jun-12-2006 | Nextone Communications  | NEXTONE                 |
| Singapore                 | T8611355C     | Nov-15-2006 | Jun-12-2006 | Nextone Communications  | NEXTONE                 |
| South Africa              | 201185691     | Nov-5-2012  | Mar-10-2011 | GENBAND US LLC          | GENBAND GENIUS          |
| South Africa              | 201185692     | Nov-5-2012  | Mar-10-2011 | GENBAND US LLC          | GENBAND GENIUS & Design |
| Switzerland               | 617867        | Mar-14-2011 | Mar-14-2011 | GENBAND US LLC          | GENBAND GENIUS          |
| Switzerland               | 617583        | Mar-14-2011 | Mar-14-2011 | GENBAND US LLC          | GENBAND GENIUS & Design |
| Switzerland               | 489428        | Jun-14-2000 |             | Normal Networks Limited | SUCCESSION              |
| Turkey                    | 81724         | Jul-9-1984  | Jul-9-1984  | GENBAND US LLC          | DMS                     |

|                          |         |             |             |                       |   |
|--------------------------|---------|-------------|-------------|-----------------------|---|
| Turkey                   | 116847  | Nov-27-1989 | Nov-27-1989 | GENBAND US LLC        | S/DMS                                       |
| United Arab Emirates     | 154208  | Mar-13-2013 | Mar-14-2011 | GENBAND US LLC        | GENBAND GENIUS                              |
| United Arab Emirates     | 154209  | Aug-15-2013 | Mar-14-2011 | GENBAND US LLC        | GENBAND GENIUS & Design                     |
| United Kingdom           | 1574472 | Dec-12-1997 | Oct-31-1994 | GENBAND US LLC        | DMS   |
| United States of America | 2667919 | Oct-26-2010 | Feb-5-2002  | Artek Networks, Inc.  | AZTEK 5000LF                                |
| United States of America | 2786338 | May-4-2010  | Sep-14-2006 | Artek Networks, Inc.  | AZTEK NETWORKS & Design                     |
| United States of America | 4759491 | Jun-23-2013 | Oct-17-2014 | GENBAND US LLC        | BUSINESSCALL                                |
| United States of America | 1989026 | Jul-23-1996 | Jun-24-1994 | The Susta Group, Inc. | CYC   |
| United States of America | 2619288 | Jul-13-2010 | Feb-4-2009  | Ventraq, Inc.         | CLOUDBANK                                   |
| United States of America | 1783422 | Sep-21-1993 | Sep-23-1992 | GENBAND US LLC        | DCMS  |
| United States of America | 1187456 | Jan-26-1982 | May-12-1980 | GENBAND US LLC        | DCG   |
| United States of America | 1109917 | Dec-26-1978 | Jun-30-1977 | GENBAND US LLC        | DMS   |
| United States of America | 2874023 | Nov-3-2010  | Dec-5-2008  | GENBAND US LLC        | DRIVING THE NETWORK EVOLUTION               |
| United States of America | 2970802 | Feb-3-2009  | Dec-9-2005  | GENBAND US LLC        | ENTERPRISE PATROL                           |
| United States of America | 2665052 | Jan-20-2009 | Oct-16-2006 | GENBAND US LLC        | EVENTDYNAMICS                               |
| United States of America | 4614537 | Sep-30-2014 | Mar-7-2013  | GENBAND US LLC        | EXPERIUS                                    |
| United States of America | 4513917 | Apr-15-2014 | Aug-8-2013  | GENBAND US LLC        | FROM THE CORE TO THE EDGE TO THE EXPERIENCE |
| United States of America | 2459844 | May-15-2001 | Feb-15-2000 | GENBAND US LLC        | G6  |
| United States of America | 2449024 | May-8-2001  | Feb-25-2000 | GENBAND US LLC        | G6 & DESIGN                                 |
| United States of America | 2652287 | Jul-14-2009 | May-2-2008  | GENBAND US LLC        | G9  |
| United States of America | 2652386 | Jul-14-2009 | May-2-2008  | GENBAND US LLC        | G9 & Design                                 |
| United States of America | 2446876 | Jun-10-2008 | May-25-2006 | GENBAND US LLC        | GENBAND                                     |
| United States of America | 4692869 | Feb-24-2013 | Dec-21-2012 | GENBAND US LLC        | GENBAND                                     |
| United States of America | 4692870 | Feb-24-2013 | Dec-21-2012 | GENBAND US LLC        | GENBAND & Design (3 Circles)                |
| United States of America | 4724287 | Apr-31-2015 | Mar-8-2013  | GENBAND US LLC        | GENBAND EXPERIUS & Design                   |



|                          |         |             |             |                        |                                       |
|--------------------------|---------|-------------|-------------|------------------------|---------------------------------------|
| United States of America | 3742792 | Jan-26-2010 | Jun-27-2007 | GENBAND US LLC         | GENBAND G1                            |
| United States of America | 4365633 | Mar-19-2013 | Sep-15-2010 | GENBAND US LLC         | GENBAND GENTUS                        |
| United States of America | 4166576 | Jul-3-2013  | Sep-15-2010 | GENBAND US LLC         | GENBAND GENTUS & Design               |
| United States of America | 4698487 | Mar-3-2013  | Mar-8-2013  | GENBAND US LLC         | GENBAND NUVIA & Design                |
| United States of America | 4811163 | Sep-15-2013 | Jul-30-2014 | GENBAND US LLC         | GENERATOR? ENTERPRISE                 |
| United States of America | 4692863 | Feb-24-2013 | Dec-17-2012 | GENBAND US LLC         | GENVIEW                               |
| United States of America | 5855138 | Oct-4-2016  | Aug-1-2014  | GENBAND US LLC         | KANDY (with design)                   |
| United States of America | 4692871 | Feb-24-2013 | Dec-21-2012 | GENBAND US LLC         | MISC. DESIGN (3 CIRCLES)              |
| United States of America | 3449633 | May-8-2001  | Feb-25-2005 | GENBAND US LLC         | MISC. DESIGN (Revised)                |
| United States of America | 3593100 | Sep-16-2008 | Sep-14-2006 | Azteq Networks, Inc.   | Miscellaneous Design (Asteq Logo)     |
| United States of America | 3386856 | Feb-19-2008 | Jul-11-2006 | GENBAND US LLC         | NETWORK WITHOUT LIMITS                |
| United States of America | 4718969 | Apr-7-2015  | Mar-7-2013  | GENBAND US LLC         | NUVIA                                 |
| United States of America | 3385376 | Feb-19-2008 | Jun-28-2007 | GENBAND US LLC         | OPENARMS                              |
| United States of America | 3166583 | Oct-31-2006 | Apr-27-2005 | The Strata Group, Inc. | PARENT PATROL                         |
| United States of America | 3641363 | Jun-16-2009 | Dec-9-2005  | GENBAND US LLC         | PLAN PATROL                           |
| United States of America | 3225968 | Apr-1-2007  | Nov-18-2005 | The Strata Group, Inc. | POWERED BY PARENT PATROL (AND DESIGN) |
| United States of America | 4183355 | Jul-31-2013 | Oct-31-2010 | GENBAND US LLC         | S2                                    |

Pending Trademark Applications of GENBAND US LLC

| <u>Jurisdiction</u>      | <u>Application No.</u> | <u>Filing Date</u> | <u>Applicant</u> | <u>Mark</u>                                |
|--------------------------|------------------------|--------------------|------------------|--|
| Argentina                | 3673412                | Mar-15-2011        | GENBAND US LLC   | GENBAND GENTUS & Design                    |
| Brazil                   | 829965114              | Oct-26-2008        | GENBAND US LLC   | GS   |
| Brazil                   | 8404551973             | Mar-13-2011        | GENBAND US LLC   | GENBAND GS                                 |
| Brazil                   | 803458288              | Mar-15-2011        | GENBAND US LLC   | GENBAND GENTUS                             |
| Brazil                   | 803458217              | Mar-15-2011        | GENBAND US LLC   | GENBAND GENTUS & Design                    |
| Canada                   | 1851731                | Aug-9-2017         | GENBAND US LLC   | KANDY (with design)                        |
| China                    | 944584                 | Mar-15-2011        | GENBAND US LLC   | GENBAND GENTUS                             |
| Egypt                    | 258933                 | Mar-15-2011        | GENBAND US LLC   | GENBAND GENTUS                             |
| Egypt                    | 258934                 | Mar-15-2011        | GENBAND US LLC   | GENBAND GENTUS & Design                    |
| India                    | 3115795                | Mar-15-2011        | GENBAND US LLC   | GENBAND GENTUS                             |
| India                    | 3115796                | Mar-15-2011        | GENBAND US LLC   | GENBAND GENTUS & Design                    |
| India                    | 3288075                | Mar-1-2016         | GENBAND US LLC   | KANDY                                      |
| India                    | 3288076                | Mar-1-2016         | GENBAND US LLC   | KANDY                                      |
| India                    | 3288077                | Mar-1-2016         | GENBAND US LLC   | KANDY                                      |
| India                    | 3288078                | Mar-1-2016         | GENBAND US LLC   | KANDY (with design)                        |
| India                    | 3288079                | Mar-1-2016         | GENBAND US LLC   | KANDY (with design)                        |
| Norway                   | 201102881              | Mar-19-2011        | GENBAND US LLC   | GENBAND GENTUS                             |
| Norway                   | 201102885              | Mar-19-2011        | GENBAND US LLC   | GENBAND GENTUS & Design                    |
| United States of America | 87482884               | Jan-8-2017         | GENBAND US LLC   | GENBAND & Design (3 Circles, Claims Color) |

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